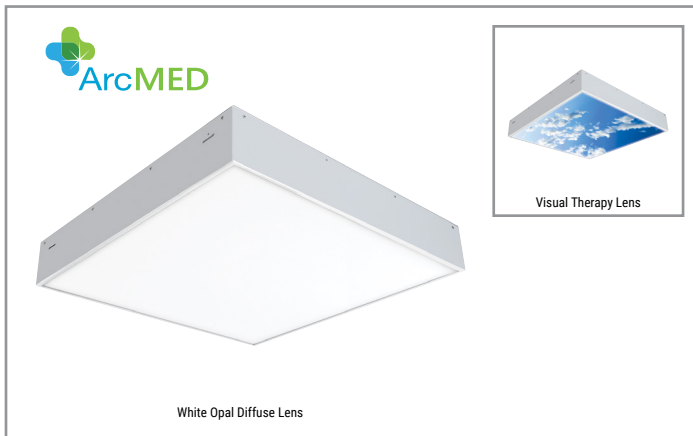


Project		Catalog #		Type	
Prepared by		Notes		Date	



Fail-Safe

MRI-ATR

MRI Architectural Fully Luminous Visual Therapy Recessed 1x4/2x2/2x4

Typical Applications
MRI

Interactive Menu

- Order Information page 2
- Product Specifications page 2
- Visual Therapy Lens Selection page 3
- Product Warranty

Product Certification

Product Features

Top Product Features

- Single-piece, fully luminous smooth frosted lens; ideal for easy wipe-down and cleaning
- Choose from multiple visual therapy lens images, to perfectly match the image to the design intent
- Custom visual therapy lens images available. Work with our factory technical personnel to make your vision become reality
- Choose from three different sizes for your choice of aesthetics and illumination levels
- Non-ferrous construction to ensure trouble-free operation in the MRI suite
- Remote drivers and multi-channel MRI filters to ensure proper operation and output of the MRI equipment
- Options to meet Buy American Act requirements

Energy and Performance Data

	Fixture	Wattage	Lumens	LPW
1x4	MRI-14ATR-20-L840-OPL	24	1991	83.0
	MRI-14ATR-40-L840-OPL	53.9	3929	72.9
	MRI-14ATR-50-L840-OPL	83.4	5459	65.5
2x2	MRI-22ATR-20-L840-OPL	24.5	2016	82.3
	MRI-22ATR-40-L840-OPL	51.3	4034	78.6
	MRI-22ATR-60-L840-OPL	89.6	6494	72.5
2x4	MRI-24ATR-20-L840-OPL	22	2086	94.8
	MRI-24ATR-40-L840-OPL	43.6	4041	92.7
	MRI-24ATR-70-L840-OPL	85.9	7007	81.6

CCT Multipliers

L835	1.0
L840	1.0
L850	1.07
L935	0.84
L940	0.85
L950	0.91

Example Room BOM: (8) 2x2 Troffers

Description	Catalog Number	Qty
2x2 Troffer, 2000 Lumens	MRI-22ATR-20-L835-OPL	8
Driver for qty. 3 of 2000 Lumen 2x2 Troffer	MRI-DRV-CD-UNV-22ATR-20-3	2
Driver for qty. 2 of 2000 Lumen 2x2 Troffer	MRI-DRV-CD-UNV-22ATR-20-2	1
3 Channel Electrical Filter	MRI-RF3	1
Remote Driver Enclosure	MRI-RDE	1

1. Luminaire

CATALOG EXAMPLE: **MRI-22ATR-20-L840-OPL**=1 qty. 2x2 luminaire, opal lens

MRI-24ATR-40-L840-FLR2/ATR-6/24=6 qty. 2x4 luminaires, one continuous flower image, 4' x 4'

MRI-22ATR-20-L850-CLD1/ATR-9/22=9 qty. 2x2 luminaires, one continuous sky image, 6' x 6'

Domestic Preferences ⁽¹⁾	Series	Size	Fixture	Lumens	CCT	Image/Number ⁽⁵⁾	Configuration
[Blank] =Standard BAA =Buy American Act	MRI	14=1x4 22=2x2 24=2x4	ATR =Architectural Troffer Recessed	20=2000 Lumens 40=4000 Lumens 50=5000 Lumens ⁽²⁾ 60=6000 Lumens ⁽³⁾ 70=7000 Lumens ⁽⁴⁾	L835=80CRI, 3500K L840=80CRI, 4000K L850=80CRI, 5000K L935=90CRI, 3500K L940=90CRI, 4000K L950=90CRI, 5000K	OPL=Opal FLR1/ATR FLR2/ATR FLR3/ATR TRE1/ATR TRE2/ATR TRE3/ATR TRE4/ATR TRE5/ATR TRE6/ATR TRE7/ATR CLD1/ATR CLD2/ATR CLD3/ATR PALM1/ATR PALM2/ATR PALM3/ATR PALM4/ATR	2x2 1/22=(1) 2x2 2/22=(2) 2x2 4/22=(4) 2x2 6/22=(6) 2x2 9/22=(9) 2x2 12/22=(12) 2x2 2x4 1/24=(1) 2x4 2/24=(2) 2x4 3/24=(3) 2x4 4/24=(4) 2x4 5/24=(5) 2x4 6/24=(6) 2x4
Notes <small>(1) Only product configurations with this designated prefix are built to be compliant with the Buy American Act of 1933 (BAA). Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.</small>				Notes <small>(2) 1x4 size only. (3) 2x2 size only. (4) 2x4 size only.</small>		Notes <small>(5) See page 3 for visual therapy lens choices.</small>	

2. Driver

SAMPLE ORDER NUMBER: **MRI-DRV-CD-UNV-22ATR-20-2**

Series	Component	Driver	Voltage	Fixture	Lumens	Fixture Quantity
MRI	DRV =Remote Driver	CD =0-10V Dimming (10%) 5LTD =Dali (10%)	UNV =Universal Voltage 120-277V 347 =347V	14ATR =1x4 Troffer 22ATR =2x2 Troffer 24ATR =2x4 Troffer	20=2000 Lumens 30=3000 Lumens 40=4000 Lumens 50=5000 Lumens 60=6000 Lumens 70=7000 Lumens	1=Driver powers 1 luminaire 2=Driver powers 2 luminaire 3=Driver powers 3 luminaire
Notes <small>See table below for maximum number of luminaire per driver at each output.</small>						

3. Filter

SAMPLE ORDER NUMBER: **MRI-RF2**

Filter
MRI-RF2 =MRI Filter, 1 or 2 Channels ⁽⁴⁾ MRI-RF3 =MRI Filter, 3 Channels ⁽⁴⁾ MRI-RF4 =MRI Filter, 4 Channels ⁽⁴⁾
Notes <small>(4) 1 Channel required for each driver.</small>

4. Remote Driver Enclosure

SAMPLE ORDER NUMBER: **MRI-RDE**

Driver Enclosure
MRI-RDE =MRI Remote Driver Enclosure ⁽⁵⁾
Notes <small>(5) Remote Driver Enclosure can accommodate up to 4 Drivers.</small>

Accessories ⁽¹⁰⁾
DFMRI-2448W-U =2' x 4' non-ferrous drywall framing kit. Cut out dimension 24.25" x 48.25" DFMRI-2424W-U =2' x 2' non-ferrous drywall framing kit. Cut out dimension 24.25" x 24.25" DFMRI-1248W-U =1' x 4' non-ferrous drywall framing kit. Cut out dimension 12.25" x 48.25"
Notes <small>(10) Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.</small>

Product Specifications

Construction

- Fixture formed of sheet aluminum, antimicrobial matte white powdercoat finish
- Remote driver enclosure formed of galvanized steel

Mounting

- Designed to mount in 15/16" and larger grid ceilings
- Optional non-ferrous MRI drywall framing kit available

Electrical

- Drivers mounted remotely outside of the MRI room to prevent electromagnetic interference
- MRI electrical filters for penetrating the MRI shielding
- Remote driver enclosure houses drivers in MRI equipment room

Gasketing/Lens

- Opal lens provides an even light distribution
- Multiple visual therapy images (tree, flower, sky). Individuals or using several luminaires/images to make one continuous image
- Fully illuminate across entire fixture opening
- Lens held in place with mechanical lens hold-downs

Compliance

- UL listed for damp locations
- Non-Ferrous construction with remote drivers for MRI use

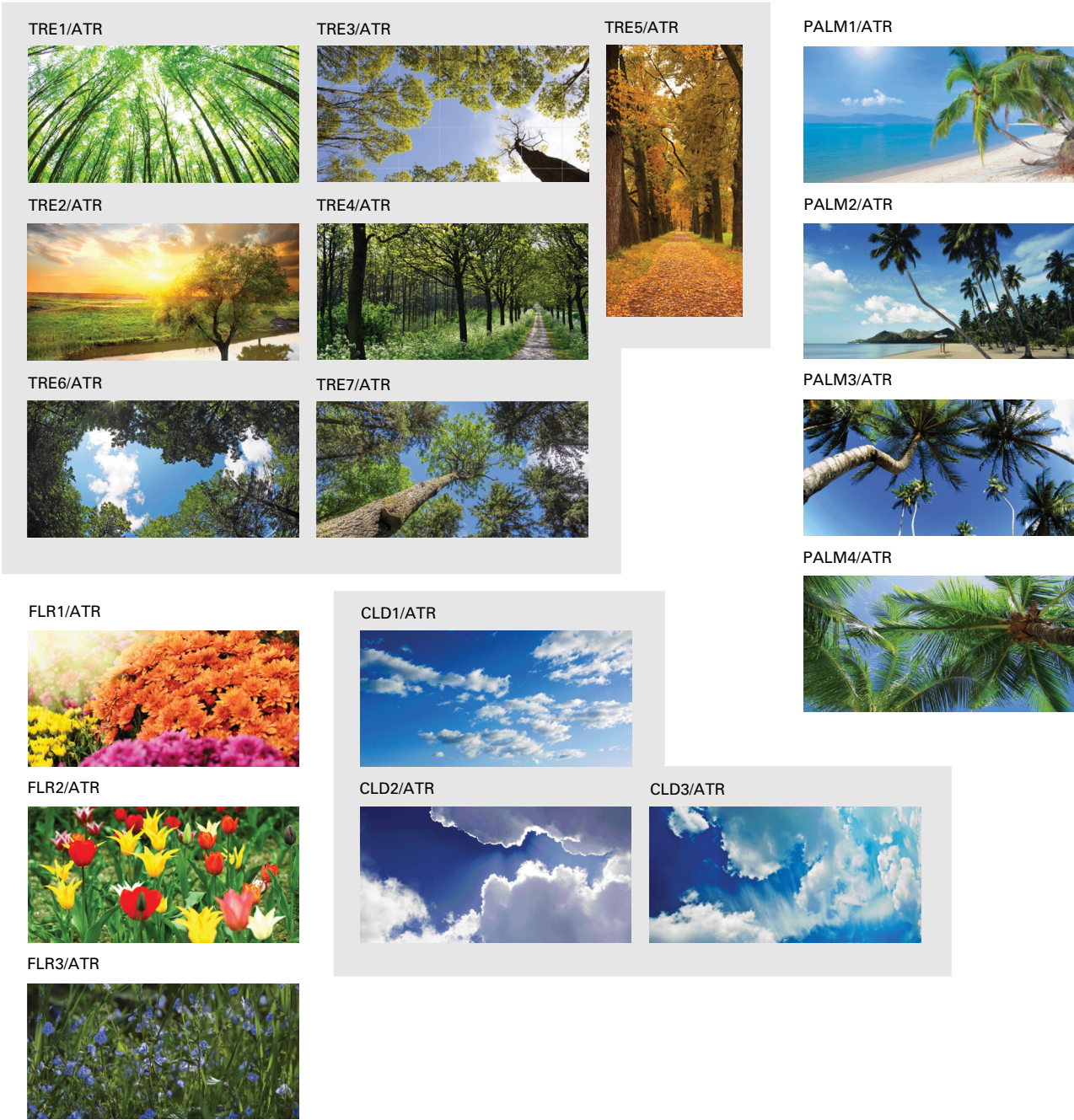
Limited Warranty

- Five year limited warranty

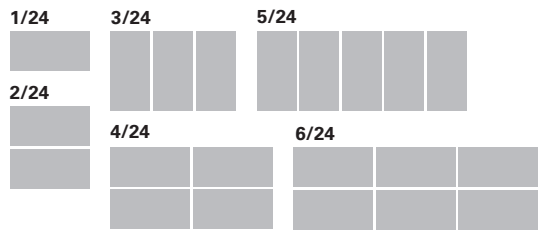
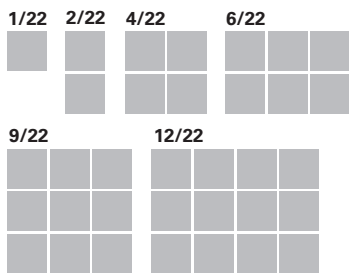
Maximum Luminaires Per Driver

	Fixture	0-10V UNV	0-10V 347V	DALI
1 x4	MRI-14ATR-20-L840-OPL	3	3	2
	MRI-14ATR-40-L840-OPL	1	1	1
	MRI-14ATR-50-L840-OPL	1	1	1
2x2	MRI-22ATR-20-L840-OPL	3	3	2
	MRI-22ATR-40-L840-OPL	1	1	1
	MRI-22ATR-60-L840-OPL	1	1	1
2x4	MRI-24ATR-20-L840-OPL	3	3	2
	MRI-24ATR-40-L840-OPL	1	1	1
	MRI-24ATR-70-L840-OPL	1	1	x

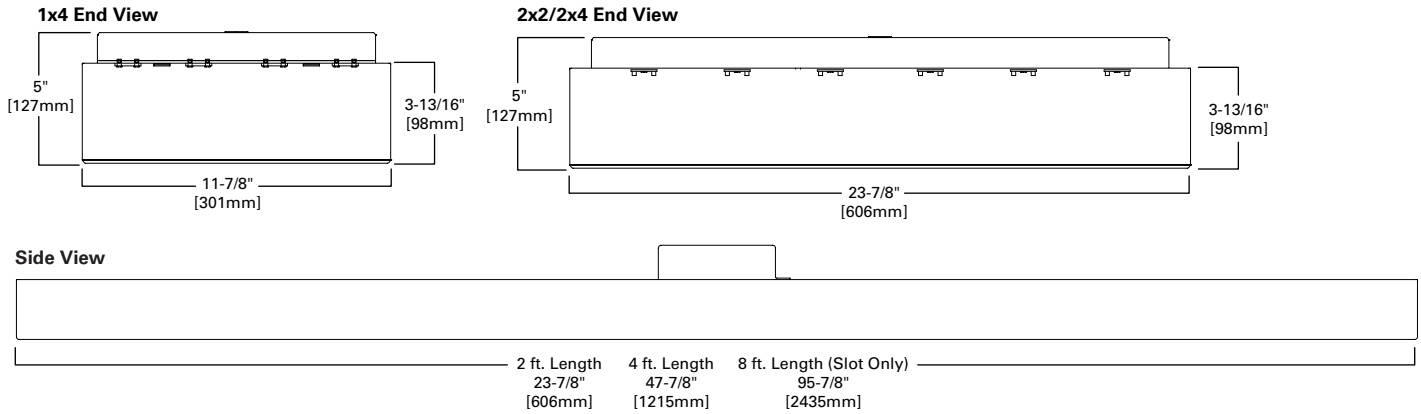
Image Selection (2x2, 2x4)



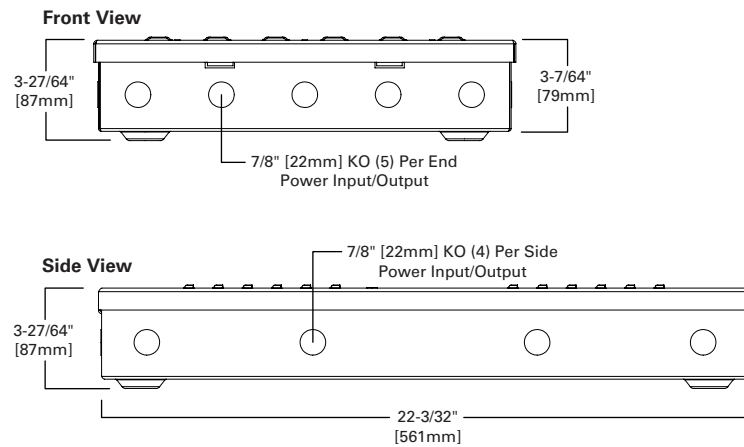
Configuration Examples



Dimensional and Mounting Details



Remote Driver Enclosure (4 drivers per enclosure)



Mounting Detail

